This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): An implant composition ~~which comprises~~ comprising a biocompatible carrier medium having dispersed therein **solid or semi-solid** particles of collagenous material which are derived from a natural **tissue** material; ~~and the~~

wherein said collagenous material displays the original architecture and molecular structure of the natural tissue material from which it is derived; ~~and~~

wherein **said** ~~the~~ collagenous material is substantially free of non-fibrous tissue proteins, glycoproteins, cellular elements, ~~and~~ lipids or lipid residues; ~~and~~

~~which~~ **wherein said collagenous material** is non-cytotoxic.; **and**

wherein said implant composition is capable of use as a component of a paste, gel or an injectable solution.

Claims 2-9 (cancelled)

Claim 10 (new): The implant composition of claim 1, wherein said particles of collagenous material have a particle size within the range of approximately 50 microns to approximately 500 microns.

Claim 11 (new): The implant composition of claim 1, wherein said particles of collagenous material have a particle size distribution wherein the particle sizes of at least 50 percent of the particles are within 35 percent of the average particle size.

Claim 12 (new): The implant composition according to Claim 1, wherein said collagenous material is free of antigenic polysaccharides and mucopolysaccharides.

Claim 13 (new): The implant composition according to Claim 1, wherein said collagenous material is substantially free of antigenic polysaccharides and mucopolysaccharides.

Claim 14 (new): The implant composition according to claim 1, wherein said collagenous material contains a proportion of elastin.

Claim 15 (new): The implant composition of claim 1, wherein said collagenous material is cross-linked.

Claim 16 (new): The implant composition of claim 1, wherein said biocompatible carrier medium is at least one of saline, glycerol, a dextran solution, a non-toxic antigenic viscous polysaccarhide.

Claim 17 (new): The implant composition of claim 1, wherein said collagenous material comprises approximately 10 percent by weight to approximately 90 percent by weight of the implant composition.

Claim 18 (new): The implant composition of claim 1, wherein said collagenous material comprises approximately 10 percent by weight to approximately 80 percent by weight of the implant composition.

Claim 19 (new): The implant composition of claim 1, wherein said collagenous material comprises approximately 10 percent by weight to approximately 70 percent by weight of the implant composition.

Claim 20 (new): The implant composition of claim 1, wherein said composition is moldable or shapeable.

Claim 21 (new): The implant composition of claim 1 for use as part of a medical, surgical, reconstructive or cosmetic treatment or procedure.

Claim 22 (new): The implant composition of claim 1 for prevention or suppression of scar formation.

Claim 23 (new): A method of preparing an implant composition capable of use as part of a paste, gel or an injectable solution wherein said implant composition comprises a biocompatible carrier medium having dispersed therein solid or semi-solid particles of collagenous material which are derived from a natural tissue material:

wherein said collagenous material displays the original architecture and molecular structure of the natural tissue material from which it is derived;

wherein said collagenous material is substantially free of non-fibrous tissue proteins, glycoproteins, cellular elements, lipids or lipid residues; and

wherein said collagenous material is non-cytotoxic, comprising the steps of:

a. obtaining a quantity of collagenous material;

b. processing said quantity of collagenous material; and

c. suspending said processed collagenous material in a carrier medium.

Claim 24 (new): The method of claim 23, wherein said step of processing said quantity of collagenous material comprises milling said quantity of collagenous material.

Claim 25 (new): The method of claim 23, wherein said step of processing said quantity of collagenous material comprises milling said collagenous material to a particle size within the range of approximately 50 microns to approximately 500 microns.

Claim 26 (new): The method of claim 23, further comprising at least one of the following steps:

a. cutting said quantity of collagenous material into pieces or strips prior to said step of processing;

b. powdering said collagenous material;

c. grinding said quantity of collagenous material;

d. dehydrating said collagenous material prior to said step of processing;

e. drying said collagenous material prior to said step of processing;

f. freezing said quantity of collagenous material;

g. freezing said cut collagenous material;

h. sieving said processed collagenous material;

i. storing said processed collagenous material;

j. storing said suspended processed collagenous material;

k. hydrating or rehydrating said processed collagenous material;

l. processing said collagenous material with a ball mill;

m. processing said collagenous material with a cryogenic mill;

n. seeding said implant composition with tissue or cellular material; and

o. seeding said implant composition with fibroblasts.

Claim 27 (new): A system for injecting an implant composition capable of use as part of a paste, gel or an injectable solution comprising:

a. a plurality of needles mounted in a hollow block of metal or plastic with an accessible inlet, and

b. a pumping device for supplying said implant composition to said plurality of needles via said inlet,

wherein said implant composition comprises a biocompatible carrier medium having dispersed therein solid or semi-solid particles of collagenous material which are derived from a natural tissue material;

wherein said collagenous material displays the original architecture and molecular structure of the natural tissue material from which it is derived;

wherein said collagenous material is substantially free of non-fibrous tissue proteins, glycoproteins, cellular elements, lipids or lipid residues; and

wherein said collagenous material is non-cytotoxic.

Claim 28 (new): The system of claim 28, wherein said pumping device comprises at least one of a pump, a syringe metering pump, a piston, a peristaltic pump and equivalents thereof.